

Asphalt Plant - Verification Report

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Fin. Project ID:		Material No.		Sample No.		Date Smpl:					
Sta. From:		Sta. To:		Reference Line: NA		Source: 05		Plant No.:		Quantity:	
Intended use:		Inspec ID (TIN):		Date Recd:		Date Tested					
Tested by Code:		Status:		Tester ID (TIN):		Type of Mix:		Mix Design No.:			
Plant Volumetrics						Pay Factors					
Date						3/8 Sieve					
Gradation and AC Content	Mix Design Targets	LOT/SUB		LOT/SUB		LOT/SUB		LOT/SUB			
1" (25.0mm)											
3/4" (19.0mm)											
1/2" (12.5mm)											
3/8" (9.5mm)											
#4 (4.75mm)											
#8 (2.36mm)											
#16 (1.18mm)											
#30 (600 µm)											
#50 (300 µm)											
#100 (150 µm)											
#200 (75µm)											
AC %											
Gmm											
Avg. Bulk (Gmb)											
Hgt. @ N int.											
Hgt @ N des.											
Gyrations											
% Gmm @ N int.											
% Gmm @ N des.											
% Air Voids @ Nd											
% VMA @ Nd											
% VFA @ Nd											
Dust / Asphalt											
Roadway Core 1 Gmb : month / day											
Roadway Core 2 Gmb : month / day											
Roadway Core 3 Gmb : month / day											
Roadway Core 4 Gmb : month / day											
Roadway Core 5 Gmb : month / day											
Average Roadway Core Gmb											
% Gmm											

Qualified Technician Signature

Remarks:

Asphalt Plant - Verification Report

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Fin. Project ID: 2	Material No.: 3	Sample No.: 4	Date Smpl: 5		
Sta. From: 6	Sta. To: 7	Reference Line: NA	Source: 05	Plant No.: 8	Quantity: 9
Intended use: 10	Inspec ID (TIN): 11	Date Recd: 12	Date Tested: 13		
Tested by Code: 14	Status: 15	Tester ID (TIN): 16	Type of Mix: 17	Mix Design No.: 18	

Plant Volumetrics						Pay Factors		
Date	Mix Design Targets	19	20	22		3/8' Sieve	24	
Gradation and AC Content		Lot/Sub	Lot/Sub	Lot/Sub	Lot/Sub	No. 4 Sieve		
1" (25.0mm)	21					No. 8 Sieve		
3/4" (19.0mm)						No. 200 Sieve		
1/2" (12.5mm)						Percent AC		
3/8" (9.5mm)						Air Voids		
#4 (4.75mm)						Density		
#8 (2.36mm)						COMPOSITE		
#16 (1.18mm)						Temperature Verification °F / °C		
#30 (600 µm)						Established Mix Temperature		25
#50 (300 µm)						Date	Temperature	Load No.:
#100 (150 µm)						26	27	28
#200 (75µm)								
AC %								
Gmm								
Avg. Bulk (Gmb)								
Hgt. @ N int.								
Hgt @ N des.								
Gyrations @ Ndes.								
% Gmm @ N int.								
% Gmm @ N des.								
% Air Voids @ Nd								
% VMA @ Nd								
% VFA @ Nd								
Dust / Asphalt								
Roadway Core 1 Gmb : month / day				23				
Roadway Core 2 Gmb : month / day								
Roadway Core 3 Gmb : month / day								
Roadway Core 4 Gmb : month / day								
Roadway Core 5 Gmb : month / day								
Average Roadway Core Gmb								
% Gmm								

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Qualified Technician Signature

Remarks: **30**

**INSTRUCTIONS FOR COMPLETION OF
ASPHALT PLANT VERIFICATION REPORT**

No erasures accepted, strikeout mistakes only

CQR INFORMATION SECTION

- 1 Page Number** - Indicate the page number of this report.
- 2 Fin. Project ID** - Enter the Financial Project ID on which the sampled mix was placed.
- 3 Material No.** - A four-character code obtained from the JOB GUIDE SCHEDULE that identifies each material / test. Material numbers for extraction tests on various types of mixes are as follows:

FC - 123A	Type SP - 123A
B 12.5 - 123A	MISC. - 143A

- 4 Sample No.** - Each report generated will have one sample number per lot, per mix (i.e., P2001V)
A new sample number and report will be required at the beginning of each lot, per mix. The verification sample number will match the QC sample number for the subplot being verified (i.e., P2001Q). For a project with two or more plants producing mix, a new lot must be established a new report must be written for mix produced at another plant.

NOTE: Sample numbers cannot be duplicated when using the sample material number on the same project. To prevent duplication, samples should be numbered sequentially, according to mix type and use. Sample numbers should be kept sequentially despite changes in an approved mix design or pay-item. Once a sample number is used for a material number on a project that number cannot be reused. A suggested numbering sequence is as follows:

EXAMPLES	OF	SAMPLE	NUMBERS
Type of Mix		Correct Numbering Sequences	
B 12.5		B2001, B2002, B2003, <-> B2999	
FC-5		F5001, F5002, F5003, <-> F5999	
FC-6		F6001, F6002, F6003, <-> F6999	
FC-9.5		F1001, F1002, F1003, <-> F1999	
FC-12.5		F2001, F2002, F2003, <-> F2999	
SP-9.5		P1001, P1002, P1003, <-> P1999	
SP-12.5		P2001, P2002, P2003, <-> P2999	
SP-19.0		P3001, P3002, P3003, <-> P3999	
MISCELLANEOUS		M0001, M0002, M0003, <-> M0999	

- 5 Date Sampled** - Date sample was taken, if no sample was taken, date material was produced.
- 6 Station From** - Enter the station from which this report began, this information must be obtained from the roadway inspector each day.
- 7 Station To** - Enter the station at which this report ended, this information must be obtained from the roadway inspector each day.
- 8 Plant No.** - Identification number assigned to each approved asphalt plant producing asphalt for the Department. This number should be on the asphalt concrete delivery ticket and can be verified by the District Bituminous Engineer.

- 9 Quantity** - This represents the TOTAL lot quantity (excluding waste) and should be filled in ONLY when the lot is completed. Leave this item blank if the lot is NOT completed.
- 10 Intended use** - Indicate if mix is for Base, Structure, Friction Course etc.,.
- 11 Inspector ID (TIN)** - Indicate TIN # of the technician who sampled the mix (First nine digits of Florida ID# / Drivers license number).
- 12 Date Received** - Date sample was received by the testing laboratory.
- 13 Date Tested** - Date sample was tested.
- 14 Tested By Code** - A two digit code used to identify which resident construction office tested the sample (e.g. 2G = Gainesville Construction).
- 15 Status** - Record appropriate code based on table below:

Status Codes	
Code	Description
P	Passed (LOT completed with full pay)
F	Failed
FA	Partial Payment per Specification
FB	Partial payment per Engineering Decision
FC	Corrective action taken
FF	No Payment
FG	Remove and Replace
FN	Full payment per Engineering Decision
FX	No further action
UN	Untested (LOT is <u>NOT</u> completed)

- 16 Tester ID (TIN)** - The identification number of the qualified asphalt plant inspector who tests the sample. (First nine digits of Florida ID# / Drivers license).
- 17 Type of Mix** - Indicate Asphalt mix type, e.g., FC-6, SP 12.5, B-12.5.
- 18 Mix Design No.** - Example: SP 97-0008, SP 02-1750A.

PLANT VOLUMETRICS SECTION

- 19 Date** - Record the date of Verification.
- 20 Lot / Sublot** - Record appropriate Lot number and Sublot number on all reports (even if no tests is run). Number the Lots sequentially according to material number, even if there is no change in the mix design. NOTE: DO NOT record extraction results from previous reports.
- 21 Mix Design Target** - Record data from the Job Mix Formula (JMF) on the approved Mix Design.
- 22 Plant Volumetrics** - List extraction/ gradation and volumetric results in appropriate blanks for each sublot. Results from previous Sublots samples should not be recorded again. (Record all results to two decimal places).
- 23 Roadway Core Gmb Data** - Record individual specific gravity results (Gmb) from the corresponding roadway core, and the average of the five. Round to the nearest three decimal places (Example: 2.5867 rounds to 2.587). Calculate the %Gmm to the nearest 0.01 as follows: Average Gmb / Gmm * 100 and report to the nearest 0.1, (Example: 91.98% is reported as 92.0%).

PAY FACTORS SECTION

- 24 Pay Factors** - Enter the pay factors for each applicable property from the Pay Factor Calculations worksheet.

TEMPERATURE VERIFICATION

(CIRCLE APPLICABLE UNITS)

25 Established Mix Temp. - Mix temperature established on the approved Mix Design.

26 Date - Record date of Temperature Verification.

27 Temperature - Record temperature from various trucks throughout LOT, according to frequency set forth in CPAM.

28 Load No. - Record Load No. of truck that the Temperature was taken, according to frequency set forth in CPAM.

MISCELLANEOUS

29 Qualified Technician Signature - To be signed by the Qualified Asphalt Plant Inspector.

30 Remarks - Comments pertinent to the production of the asphalt mix which are not shown elsewhere on the worksheet, any deficiencies noted at the plant or lab and any corrective actions taken.

NOTE: It is very important to have good communication between the Asphalt Plant Inspector and the Asphalt Road Inspector. Reports should be delivered to the verification technician at the plant no later than two (2) days after completion of the Lot.